ExRings® Extended Range Scope Rings Featuring Pin-Lock® & ZERO-GAP® Technology

MOA SETTINGS/MM

20/30 MOA-30MM 66858-A-KIT	15/40MOA-30MM 66850-A-KIT
20/30 MOA-34MM 66870	

Barrett® ExRings with Pin-Lock technology is a dual-setting MOA extended range ring set that maximizes the use of riflescope's precise internal elevation adjustment by aligning the scope for long range shooting. Barrett's ZERO-GAP technology provides definitive holding power for heavy scopes under the harshest recoil.

Purpose:
To maximize use of the riflescope's precise internal elevation adjustment by angling the scope without compromising the rigidity of a one piece mount.

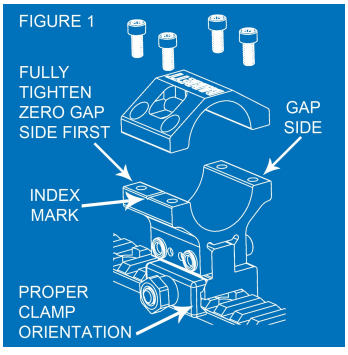
Fit and Function:
Works on flat and tapered M1913 rails with riflescopes having up to a 70mm objective lens. Choose either 15/40 MOA or 20/30 MOA taper by simply removing the rear pin from one hole and inserting it into the other.

Key Features:
- ZERO-GAP offers wider clamping area and maximizes "scope grip"
- Fits M1913 rails
- Maximizes the riflescope's internal elevation adjustment for long range shooting
- ZERO BACKLASH tongue and groove interface
- High Strength Aircraft grade 7075 T6 aluminum construction
- 2.5x lighter than steel
- Heat treated steel cross bolt and captured nut for increased strength
- Hard Anodized with a 60 HRC (Rockwell C scale)
- BORS compatible

WARNING: TO AVOID INJURY CAUSED BY RECOIL, FOLLOW YOUR SCOPE MANUFACTURER'S MOUNTING RECOMMENDATION FOR OBTAINING A SAFE EYE RELIEF DISTANCE.

Note: Successful long range shooting requires that the scope reticle be level. Scopes canted even slightly will result in significant errors at long distances.

Barrett rings are designed for use on M1913 rails. Most rings are designed so the caps are tightened evenly on both sides. Barrett rings are designed with ZERO-GAP technology with wider clamping that maximizes scope grip. Two cap screws are fully tightened on the index marked side of the ring before tightening the opposite side cap screws. The ZERO-GAP feature is designed into the lower ring halves alone so the Barrett logo on the ring cap can face in either direction.



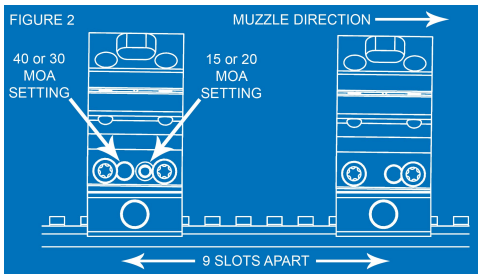
Note: Ensure that the-step cut side of the clamp rests on the ring and not the rail. (Figure 1)
The index marked ZERO-GAP side of the ring is on the side with the clamp nut. (Figure 2)
1. Using the T25 Torx® end of the supplied L-wrench, remove the ring caps from the ring bases.

2. Loosen the clamp tightening nuts on both lower ring cross bolts.

3. Using the T27 Torx® end of the supplied L-wrench, loosen the four 10-32 side bolts to allow rings to pivot slightly while installing scope, to eliminate binding.

4. Taking into consideration your scope dimensions and estimated eye relief, position the rear scope ring in the appropriate rail slot and place the front scope ring nine slots forward of that position. Tighten the clamp nuts to 65 inch/lbs or 7.34 Nm.

5. There are two models of ExRings that feature Pin-Lock technology. MOA is changed by placing the adjustment pin in the desired setting location. These offer two position settings, either 15/40 MOA or 20/30 MOA. (The lower settings of 15 or 20 MOA are for canted rails and the higher 40 or 30 MOA settings are for flat rails. Rings are factory preset at the lower MOA setting. (Figure 2))



Note: Barrett recommends using Loctite® 222 low strength adhesive on cap screws and to thoroughly clean and dry threads before use.

6. Rest the scope in the ring bases. Place the ring caps on each ring base and tighten the two cap screws on the index side to 35 inch/lbs or 3.95Nm.

7. Follow your scope manufacturer's recommendations for setting eye relief and ensure that your reticle is level

8. Tighten the two cap screws on the gap side to 35 inch/lbs or 3.95Nm for both the rear and front rings.

9. Tighten the four side locking bolts to 50 inch/lbs or 5.6Nm.

CHANGING THE MOA SETTING

ExRings with Pin-Lock technology are packaged at the lower MOA setting. If you desire the higher MOA setting, follow these instructions. Barrett recommends changing the MOA setting after scope is installed on rifle.

1. Remove the two side locking bolts from the rear ring and loosen the two side locking bolts from the front ring using the T27 Torx® end of the supplied L-wrench.

2. Use a 1/8" pin punch to remove the adjustment pin from the rear ring.

3. Align the corresponding pin hole locations, insert and tap the adjustment pin flush using a pin punch.

4. Tighten all four side locking bolts to 50 inch/lbs or 5.6Nm.